Special Issue

Optical 3D Sensing Systems

Message from the Guest Editors

Dear colleagues, Optical 3D sensing that acquires surface geometry information without physically touching the measured objects plays an increasingly critical role in numerous fields such as industry, agriculture, medicine, entertainment, and so on. Advances in electronic sensors, computational power and deep learning have greatly promoted the development of optical 3D sensing techniques. This special issue focuses on optical 3D sensing techniques and their applications. Various 3D sensing systems based on technologies such as structured light, stereo vision, time-of-flight (TOF) and others have been developed by many researchers. Unique hardware and software are also designed to realize the high-speed, accurate, compact, convenient, and intelligent sensing systems. The topics of this special issue includes but not limited to: novel and advanced optical systems, information processing methods and interesting applications of optical 3D sensing.

Guest Editors

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Deadline for manuscript submissions

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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